

Inductors(Coils) **Inductors(Coils)**

Product Top Page Search by Part No. Search by Characteristics Cross Reference Catalog Tech Notes Technical Support Tools Help

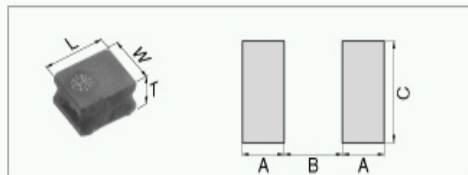
VLS252012HBX-1R0M-1 Inductors(Coils)

Applications Commercial Grade

Feature
 Wire Wound
 Magnetic Shield
 Metal Core

Series VLS-HBX-1 Series / VLS252012HBX-1 Type

Status Production



Size	
Length(L)	2.50mm +/-0.20mm
Width(W)	2.00mm +/-0.20mm
Thickness(T)	1.20mm Max.
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	1.30mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	1uH +/-20% at 1MHz
Rated Current (L Change) [Typ.]	4A (30% Down)
Rated Current (L Change) [Max.]	3.4A (30% Down)
Rated Current (Temperature Rise) [Typ.]	3.53A (40degC Rise)
Rated Current (Temperature Rise) [Max.]	3A (40degC Rise)
DC Resistance [Nom.]	47mΩ
DC Resistance [Max.]	56mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 105degC
Soldering Method	Reflow
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	2000Pcs Min.
Weight	0.03g

Buy Now (Distributor Inventory Check)

Contact

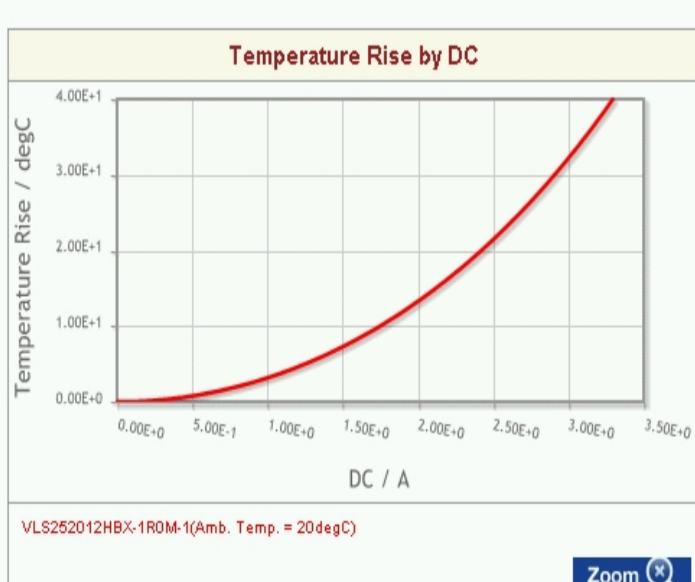
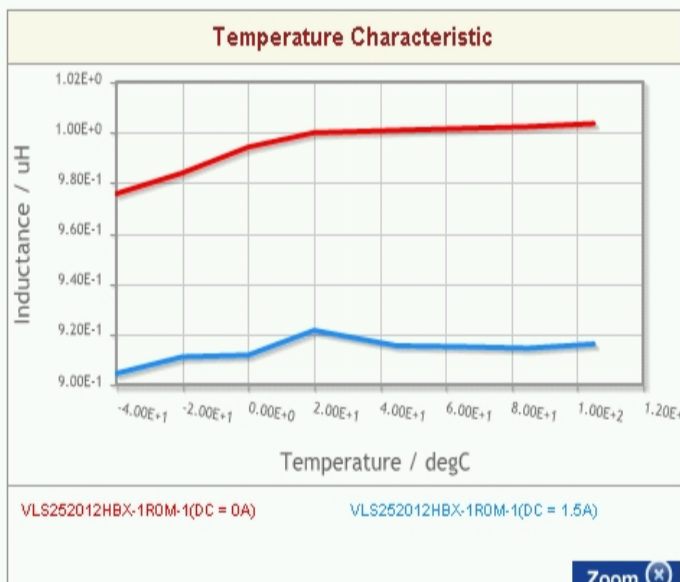
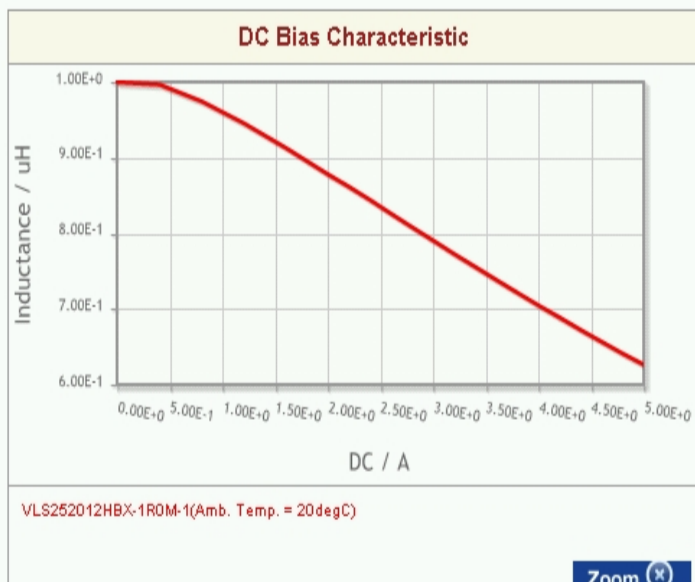
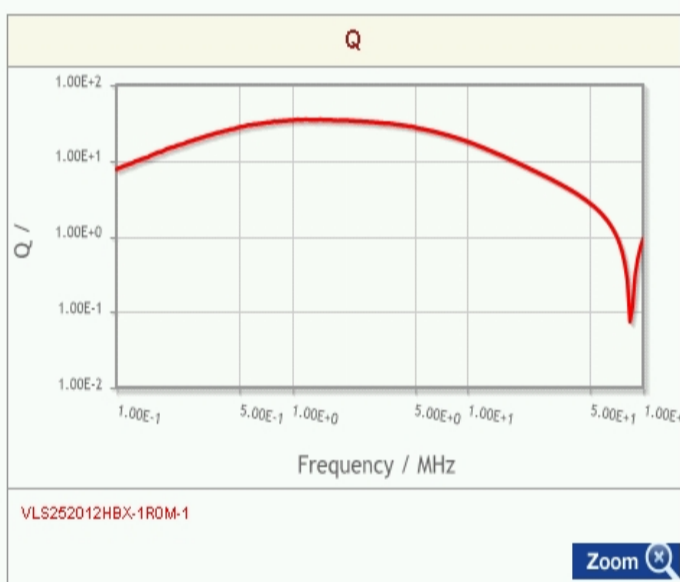
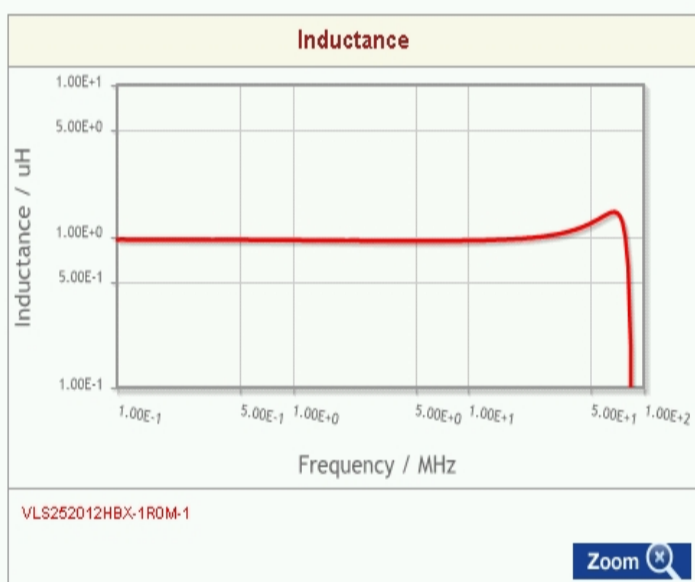
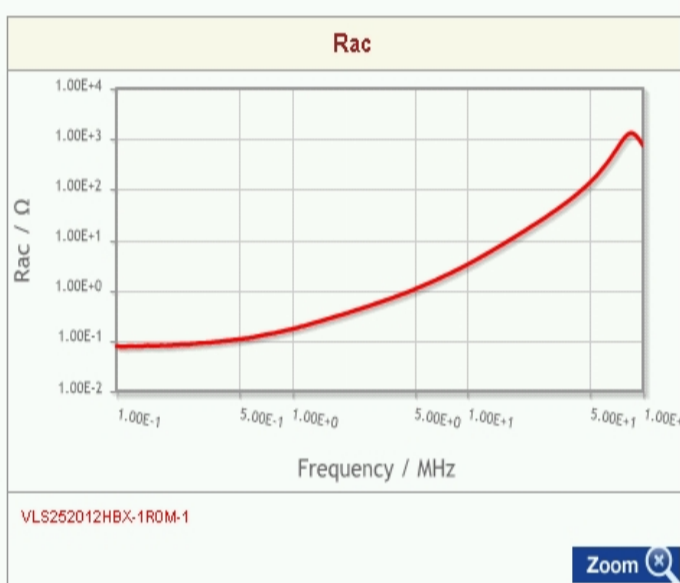
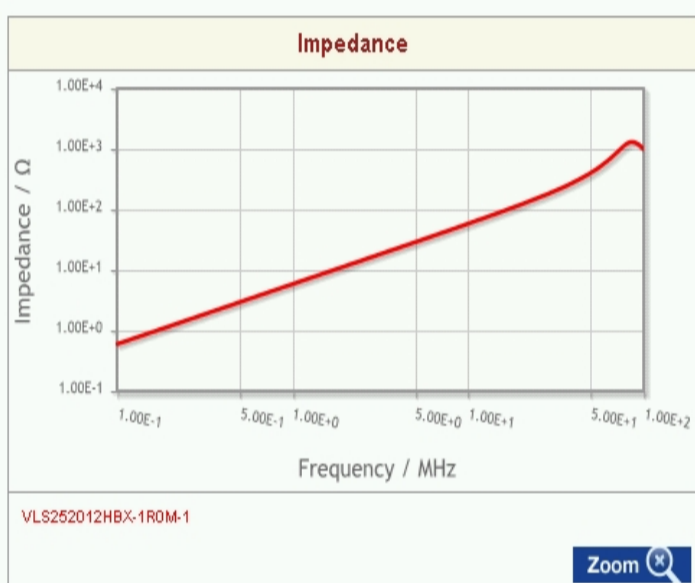
Documents

- Catalog
- RoHS Certificate
- REACH Certificate
- Product Lineup
- FAQ
- [FAQ] What is a magnetic shield type?

Design Tools

- S-parameter
- SPICE Netlist(Simple)
- SPICE Netlist(Precision)
- Components Characteristics Viewer

Characteristic Graphs (This is reference data, and does not guarantee the product's characteristics.)



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- » Anechoic Chambers and Radio Wave Absorbers
- » Power Supplies
- » Magnets
- » Flash Storage
- » Wireless Charging
- » FA Systems
- » ITO Transparent Conductive Film
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

Application Guides

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